

### ABSTRACT OF THE DISCLOSURE

A method and architecture for enabling interaction between a remote device and a host computer. A service provided by the remote device is discovered, and a description pertaining to the service is retrieved by the host computer. A network communication link is established between the remote device and the host computer based on connection information provided by the description. Host-side and client-side software service modules are run on the host and remote devices to enable interaction between the devices using a service protocol that is specific to the service. Various service protocols are provided, including a display service protocol and an input service protocol. Using commands provided by each protocol, the host computer is enabled to control the service remotely by pushing data and appropriate commands to the remote device, whereupon these commands are processed by the client-side service module to perform service operations that employ the sent data.